

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S114 | 2204 | ferroelectric and waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:03 |
| S115 | 193 | ferroelectric and planar adj waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 12:15 |
| S116 | 176 | ferroelectric and coplanar adj waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 12:16 |
| S117 | 67 | ferroelectric and coplanar adj waveguide and etch\$4 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:05 |
| S118 | 0 | ("2005/0040915").URPN. | USPAT | OR | ON | 2006/09/25 12:29 |
| S119 | 29 | ("4984861" "5347608" "5416859" "5455876" "5712933" "5748358" "5790719" "5895742"). PN. OR ("6069729"). URPN. | US-PGPU B; USPAT; USOCR | OR | ON | 2006/09/25 12:36 |
| S120 | 513 | ferroelectric and waveguide | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 12:40 |
| S121 | 21 | ferroelectric and \$2planar adj waveguide | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 12:41 |

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|----------|----|--|--|----|----|---------------------|
| S12 2 | 1 | ferroelectric and \$2planar adj waveguide and etch\$4 | USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2006/09/25 12:41 |
| S12 3 | 36 | ("5032805" "5079557" "5212463" "5218358" "5307033" "5312790" "5355104" "5427988" "5451567" "5472935" "5479139" "5486491" "5504059" "5557286" "5561407" "5589845" "5610563" "5617103" "5635433" "5635434" "5693429" "5694134" "5721194" "5766697" "5777531" "5830591" "5846893" "5847620" "5869429" "5917455" "5940030" "6045932" "6078827" "6216020"). PN. OR ("2004/0036553" "2005/0242902" "6646522").URPN. | US-PGPU B; USPAT; USOCR | OR | ON | 2006/09/25 12:55 |

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|-----|-----|--------------------------|---------|----|----|------------|
| S12 | 298 | (US-20050040915-\$ or | US-PGPU | OR | ON | 2006/09/25 |
| 4 | | US-20060038634-\$ or | B; | | | 13:02 |
| | | US-20020135729-\$ or | USPAT | | | |
| | | US-20030098945-\$ or | | | | |
| | | US-20060181671-\$ or | | | | |
| | | US-20010022487-\$ or | | | | |
| | | US-20030011284-\$ or | | | | |
| | | US-20030076008-\$ or | | | | |
| | | US-20010046341-\$ or | | | | |
| | | US-20020014932-\$ or | | | | |
| | | US-20020033744-\$ or | | | | |
| | | US-20020126048-\$ or | | | | |
| | | US-20020165080-\$ or | | | | |
| | | US-20030034858-\$ or | | | | |
| | | US-20030042997-\$ or | | | | |
| | | US-20030119656-\$ or | | | | |
| | | US-20030151550-\$ or | | | | |
| | | US-20030151551-\$ or | | | | |
| | | US-20040017270-\$ or | | | | |
| | | US-20040036553-\$ or | | | | |
| | | US-20040063566-\$ or | | | | |
| | | US-20040089985-\$ or | | | | |
| | | US-20040227588-\$ or | | | | |
| | | US-20050052260-\$ or | | | | |
| | | US-20050067605-\$ or | | | | |
| | | US-20050073376-\$).did. | | | | |
| | | or (US-20050128029-\$ or | | | | |
| | | US-20050176575-\$ or | | | | |
| | | US-20050190018-\$ or | | | | |
| | | US-20050242902-\$ or | | | | |
| | | US-20050270121-\$ or | | | | |
| | | US-20040263502-\$ or | | | | |
| | | US-20030219046-\$ or | | | | |
| | | US-20010030731-\$ or | | | | |
| | | US-20030017278-\$ or | | | | |
| | | US-20040196428-\$ or | | | | |
| | | US-20030002766-\$ or | | | | |
| | | US-20060119231-\$).did. | | | | |
| | | or (US-6323833-\$ or | | | | |
| | | US-6452583-\$ or | | | | |
| | | US-4607909-\$ or | | | | |
| | | US-6317111-\$ or | | | | |
| | | US-6078827-\$ or | | | | |
| | | US-5680141-\$ or | | | | |
| | | US-5307033-\$ or | | | | |
| | | US-5561407-\$ or | | | | |
| | | US-5869429-\$ or | | | | |
| | | US-5877123-\$ or | | | | |
| | | US-6000075-\$ or | | | | |

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|---|----|--|-------|----|--------|---------------------|
| S12 5 | 98 | (US-6760493-\$ or US-6954118-\$ or US-6864840-\$ or US-6646522-\$ or US-6377217-\$ or US-6304685-\$ or US-6078827-\$ or US-5846893-\$ or US-5766697-\$ or US-5721194-\$ or US-5635434-\$ or US-5617103-\$ or US-5561407-\$ or US-5557286-\$ or US-5479139-\$ or US-5472935-\$ or US-5427988-\$ or US-5830591-\$ or US-5869429-\$ or US-5693429-\$ or US-5589845-\$ or US-5486491-\$ or US-5307033-\$ or US-5451567-\$ or US-5312790-\$ or US-6806846-\$).did. or (US-6756939-\$ or US-6621377-\$ or US-6551669-\$ or US-6498549-\$ or US-6476540-\$ or US-6452583-\$ or US-6411747-\$ or US-6404537-\$ or US-6334008-\$ or US-6323833-\$ or US-6317111-\$ or US-6285337-\$ or US-6211853-\$ or US-6191771-\$ or US-6172642-\$ or US-6160524-\$ or US-6078223-\$ or US-6076001-\$ or US-6071555-\$ or US-6040884-\$ or US-6029075-\$ or US-6025864-\$ or US-6014575-\$ or | USPAT | OR | ON | 2006/09/25 13:02 |
| 10/2/06 5:45:03 PM C:\Documents and Settings\joelsen\My Documents\EAST\Workspaces\10 series\10796628.wsp | | | | | Page 4 | |

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|----------|------|---|------------------------|----|----|---------------------|
| S12 6 | 300 | S124 S125 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:02 |
| S12 7 | 2204 | ferroelectric and waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:04 |
| S12 8 | 110 | S126 and S127 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:04 |
| S12 9 | 193 | ferroelectric and planar adj waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:05 |
| S13 0 | 3 | S126 and S129 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:05 |
| S13 1 | 176 | ferroelectric and coplanar adj waveguide | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:05 |
| S13 2 | 32 | S126 and S131 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:08 |
| S13 3 | 67 | ferroelectric and coplanar adj waveguide and etch\$4 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:06 |
| S13 4 | 12 | S126 and S133 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:06 |
| S13 5 | 20 | S132 not S134 | US-PGPU B; USPAT | OR | ON | 2006/09/25 13:08 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------|------------------|---------|------------------|
| L1 | 0 | "PG-PUBS INTERFERENCE SEARCH" | US-PGPU B | OR | ON | 2006/10/02 17:48 |
| L2 | 1 | ((process method) and "distributed analog phase shifter" and ferroelectric and etching and "coplanar waveguide" and electrodes and ground).clm. | US-PGPU B | OR | ON | 2006/10/02 17:51 |
| L3 | 1 | ((process method) and phase adj shift\$4 and ferroelectric and etch\$4 and waveguide and electrodes and ground).clm. | US-PGPU B | OR | ON | 2006/10/02 17:51 |
| L4 | 2 | ((process method) and phase adj shift\$4 and ferroelectric and etch\$4 and waveguide and electrodes).clm. | US-PGPU B | OR | ON | 2006/10/02 17:52 |
| L5 | 2 | ((process method) and phase adj shift\$4 and ferroelectric and etch\$4 and waveguide).clm. | US-PGPU B | OR | ON | 2006/10/02 17:52 |
| L6 | 7 | ((process method) and phase adj shift\$4 and ferroelectric and waveguide).clm. | US-PGPU B | OR | ON | 2006/10/02 17:55 |
| L7 | 11 | (phase adj shift\$4 and ferroelectric and waveguide).clm. | US-PGPU B | OR | ON | 2006/10/02 17:55 |
| L8 | 4 | 7 not 6 | US-PGPU B | OR | ON | 2006/10/02 17:55 |